

# **Detailed Facility Report**

# **Facility Summary**

SIEMENS ENERGY INC 105 N SANDUSKY ST, MOUNT VERNON, OH 43050

FRS (Facility Registry Service) ID: 110000381596

EPA Region: 05 Latitude: 40.39517 Longitude: -82.48886

Locational Data Source: FRS

Industry:

Indian Country: N

#### **Enforcement and Compliance Summary**

Statute	CAA
Insp (5 Years)	1
Date of Last Inspection	06/04/2018
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-
Statute	CWA
Insp (5 Years)	1
Date of Last Inspection	07/24/2018
Current Compliance Status	Terminated Permit
Qtrs with NC (of 12)	2
Qtrs with Significant Violation	2
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

Statute	RCRA
Insp (5 Years)	2
Date of Last Inspection	05/01/2019
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

#### **Regulatory Information**

Clean Air Act (CAA): Permanently Closed Synthetic Minor (OH0000000142010079)

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (OH0005738)

Resource Conservation and Recovery Act (RCRA): Inactive (OHD042315747)

Safe Drinking Water Act (SDWA): No Information

#### **Other Regulatory Reports**

Air Emissions Inventory (EIS): 8304811

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 43050RLLSR105NS

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

# **Facility/System Characteristics**

#### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000381596					N	40.39517	-82.48886
ICIS-Air	CAA	OH0000000142010079	Synthetic Minor Emissions	Permanently Closed			N	40.39569	-82.48883
EIS	CAA	8304811					N	40.39528	-82.48917
ICIS-NPDES	CWA	ОН0005738	Minor: NPDES Individual Permit	Terminated; Compliance Tracking Off		04/30/2020	N	40.39723	-82.49058
TRI	EP313	43050RLLSR105NS	Toxics Release Inventory	Last Reported for 2013			N	40.39569	-82.48883
RCRAInfo	RCRA	OHD042315747	Other	Inactive ( )			N	40.397158	-82.489283

#### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address
FRS		110000381596	SIEMENS ENERGY INC	105 N SANDUSKY ST, MOUNT VERNON, OH 43050
ICIS-Air	CAA	ОН0000000142010079	SIEMENS ENERGY INC.	105 N. SANDUSKY STREET, MOUNT VERNON, OH 43050
EIS	CAA	8304811	SIEMENS ENERGY INC. (0142010079)	105 N. SANDUSKY STREET, MOUNT VERNON, OH 43050
ICIS-NPDES	CWA	ОН0005738	SIEMENS ENERGY INC	105 N SANDUSKY ST, MOUNT VERNON, OH 43050
TRI	EP313	43050RLLSR105NS	SIEMENS ENERGY INC (FKA ROLLS-ROYCE ENERGY SYSTEMS INC)	105 N SAND US KY ST, MOUNT VERNON, OH 43050
RCRAInfo	RCRA	OHD042315747	SIEMENS ENERGY INC	105 N SANDUSKY ST, MOUNT VERNON, OH 43050

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	43050RLLSR105NS	3511	Turbines And Turbine Generator Sets
TRI	43050RLLSR105NS	3561	Pumps And Pumping Equipment
TRI	TRI 43050RLLSR105NS		Air And Gas Compressors
TRI	43050RLLSR105NS	3625	Relays And Industrial Controls
ICIS-NPDES	ОН0005738	3511	Turbines And Turbine Generator Sets
NPDES	OH0005738	3511	Turbines And Turbine Generator Sets

# **Facility NAICS (North American Industry Classification System) Codes**

System	Identifier	NAICS Code	NAICS Description
TRI	43050RLLSR105NS	333611	Turbine and Turbine Generator Set Units Manufacturing
TRI	43050RLLSR105NS	333911	Pump And Pumping Equipment Manufacturing
TRI	43050RLLSR105NS	335314	Relay and Industrial Control Manufacturing
EIS	8304811	333611	Turbine and Turbine Generator Set Units Manufacturing
ICIS-Air	ОН0000000142010079	333611	Turbine and Turbine Generator Set Units Manufacturing

# **Facility Industrial Effluent Guidelines**

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
	No data records return	ed

## **Facility Tribe Information**

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)							
No data records returned										

# **Enforcement and Compliance**

## **Compliance Monitoring History (5 years)**

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	ОН0000000142010079	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	06/04/2018	
CAA	ОН0000000142010079	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	05/25/2018	
CWA	ОН0005738	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	07/24/2018	
RCRA	OHD042315747	RCRAInfo		FOCUSED COMPLIANCE INSPECTION	State	05/01/2019	No Violations Or Compliance Issues Were Found
RCRA	OHD042315747	RCRAInfo		FOCUSED COMPLIANCE INSPECTION	State	04/11/2019	No Violations Or Compliance Issues Were Found

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

# **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	OH0000000142010079	No	05/01/2021	0	04/30/2021
CWA	ОН0005738	No	12/31/2020	2	04/30/2021
RCRA	OHD042315747	No	05/01/2021	0	04/30/2021

## **Three-Year Compliance History by Quarter**

Statu	ute Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+		
	CAA (Source ID: OH0000000142010079)			07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	
	Facility-Level Status			No Violation Identified												
	HPV History															
	Violation Type Agency Programs Pollutants															

St	atute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
		CWA (Source ID: OH0005738)	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01- 12/31/19	01/01- 03/31/20	04/01- 06/30/20	07/01- 09/30/20	10/01- 12/31/20	01/01- 04/30/21
		Facility-Level Status	No Violation Identified	Significant/ Category I Noncompliance	Significant/ Category I Noncompliance	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit				
		Quarterly Noncompliance Report History						Failure to Report DMR - Not Received	Failure to Report DMR - Not Received						
Late or Missing Discharge Monitoring Report (DMR) Measurements															
	(	Counts of Missing DMR Measurements						68							

Stat	ute Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: OHD042315747)	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21
	Facility-Level Status	No Violation Identified											

## **Informal Enforcement Actions (5 Years)**

Statute	System	Source ID	Type of Action	Lead Agency	Date			
			No data records returned					
No data records returned								

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

#### **Formal Enforcement Actions (5 Years)**

	Statute System Law/Se	tion   Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
- [													
								No data records retur	ned				

# **Environmental Conditions**

#### Watershed(s)

12-Digit WBD (Watershed Boundary Dataset)	WBD (Watershed Boundary Dataset) Subwatershed	State Water Body Name (ICIS (Integrated Compliance	Beach Closures	Beach Closures Within	Pollutants Potentially	Watershed with ESA (Endangered Species
HUC (RAD (Reach Address Database))	Name (RAD (Reach Address Database))	Information System))	Within Last Year	Last Two Years	Related to Impairment	Act)-listed Aquatic Species?
050400030302	Armstrong Run-Kokosing River	KOKOSING RIVER, KOKOSING RIVER VIA STORM, KOKOSING RIVER VIA STORM SEWER	No	No		No

#### **Assessed Waters From Latest State Submission (ATTAINS)**

Stat	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
OH	2020	OH050400030302	Armstrong Run-Kokosing River	Impaired - 303(d) Listed	PATHOGENS		Fully Supporting	Not Assessed	Not Supporting	

#### Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	8-Hour Ozone (2008)
Lead	No		No	
Particulate Matter	No		No	
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

# **Pollutants**

#### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

				Air Polluta	int Report	TRI Pollu	ition Prevent	tion Report
TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
			_					1

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
43050RLLSR105NS	5 2011	2		0		67	69	17,724
43050RLLSR105NS	2010	2		0		112	114	30,138

### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
CHROMIUM									11,565	18,516
COBALT										

(	Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
	COPPER										
	MANGANESE										
	NICKEL									6,228	11,736
	XYLENE (MIXED ISOMERS)										

# **Demographic Profile**

#### **EJSCREEN EJ Indexes**

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the <u>EJSCREEN home page</u>.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	57.4
Ozone NATA Diesel PM	57.4
NATA Air Toxics Cancer Risk	57.4
NATA Respiratory Hazard Index (HI)	57.5
Traffic Proximity	39
Lead Paint Indicator	43.9
Superfund Proximity	57.6
Risk Management Plan (RMP) Proximity	55.5
Hazardous Waste Proximity	42.6
Wastewater Discharge Proximity	33.5



#### **Demographic Profile of Surrounding Area (3 Miles)**

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the <u>DFR Data Dictionary</u>.

Age Breakdown - Persons (%)

General Statistics	
Total Persons	21,116
Population Density	759/sq.mi.
Percent Minority	5%
Households in Area	8,623
Housing Units in Area	9,482
Households on Public Assistance	329
Persons Below Poverty Level	8,457
Geography	
Radius of Selected Area	3 mi.

40.39517 -82.48886

Center Latitude

Land Area

Children 5 years and younger	1,351 (6%)
Minors 17 years and younger	4,587 (22%)
Adults 18 years and older	16,529 (78%)
Seniors 65 years and older	3,765 (18%)
Race Breakdown - Persons (%)	
White	20,203 (96%)
African-American	227 (1%)
Hispanic-Origin	352 (2%)
Asian/Pacific Islander	213 (1%)
American Indian	48 (0%)
Other/Multiracial	425 (2%)

Water Area	1%	
Income Breakdown - Households (%)		
Less than \$15,000	1,723 (20.07%)	
\$15,000 - \$25,000	1,140 (13.28%)	
\$25,000 - \$50,000	2,763 (32.18%)	
\$50,000 - \$75,000	1,346 (15.68%)	
Greater than \$75,000	1,613 (18.79%)	

Geography

Education Level (Persons 25 & older) - Persons (%)		
Less than 9th Grade	657 (4.78%)	
9th through 12th Grade	1,267 (9.23%)	
High School Diploma	5,784 (42.12%)	
Some College/2-year	3,194 (23.26%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,830 (20.61%)	